

GLOSSARY OF TECHNICAL TERMS

This glossary contains explanations of certain technical terms used in this Document in connection with us and our business. Such terminology and meanings may not correspond to standard industry meanings or usages of those terms.

“AI”	artificial intelligence, a field of computer science that enables machines to perform tasks that typically require human intelligence, such as perception, decision-making, pattern recognition and prediction
“air pressure massage”	a massage technique that uses inflatable air bladders or chambers controlled by a pneumatic system to apply rhythmic or targeted pressure to specific areas of the body
“algorithm”	an ordered set of instructions recursively applied to transform data input into processed data output, such as a mathematical solution, search engine result, descriptive statistics, or predictive text suggestions
“biomimetic massage”	a therapeutic technique that utilizes mechanized systems to replicate the precise movements, pressure patterns, and kinetic characteristics of manual massage performed by human hands
“brushless motor”	a type of electric motor that uses electronic commutation instead of mechanical brushes, employing permanent magnets and controlled electromagnetic fields to generate rotation
“CAGR”	compound annual growth rate
“cloud”	cloud computing technologies that enable data storage, processing and software services to be delivered over the Internet rather than through local hardware infrastructure
“ECG”	electrocardiogram, a test recording the electrical activity of the heart
“EMS” or “Electrical Muscle Stimulation”	a type of electrotherapy stimulates a muscle contraction using electrical impulses in order strengthen weak muscles, reduce swelling, relieve pain and help heal wounds
“ergonomic design”	a discipline that focuses on designing products and environments that are comfortable, efficient, and safe for humans to use
“far-infrared moxibustion”	a modern therapeutic technique that simulates the warming effects of traditional moxibustion by using far-infrared radiation to promote local circulation and relieve discomfort
“GMV”	gross merchandise volume
“HRV”	heart rate variability, which measures the variation in time intervals between consecutive heartbeats and is commonly used as an indicator of autonomic nervous system activity, measured in milliseconds (ms)

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“IoT”	Internet of Things, a network of interconnected devices embedded with sensors, software and communication technologies that enable data exchange and automation
“kneading massage”	a massage technique that applies repetitive circular, pressing and lifting motions to relax muscles and improve circulation
“medium frequency pulse technology”	refers to the application of electrical currents typically ranging from 1 kHz to 100 kHz (often 2–10 kHz) to stimulate tissues, commonly used in electrotherapy for pain relief and rehabilitation without skin irritation
“natural language processing”	a field that combines computer science, artificial intelligence and language studies. It helps computers understand, process and create human language
“oscillometric method”	a non-invasive blood pressure measurement technique that estimates blood pressure by detecting pressure oscillations in an automated cuff during inflation or deflation
“OTA update” or “OTA upgrade”	over-the-air update/upgrade, refers to an update to an operating system, or to firmware for an embedded system, that is delivered through a wireless network, such as Wi-Fi or a cellular network
“piezoelectric ceramic”	a material that converts a mechanical effect (such as pressure, movement, or vibration) into an electrical signal and vice versa
“PPG”	photoplethysmography, an optical sensing technique that measures blood volume changes in the microvascular tissue using variations in light absorption or reflection
“red-light technology”	a non-invasive treatment that uses low-level, non-thermal red and near-infrared light (620–1200 nm) to stimulate the body’s natural repair and regeneration processes
“SMT”	surface mount technology, a method for assembling electronic circuits in which components are mounted or placed directly onto the surface of printed circuit boards
“TENS”	transcutaneous electrical nerve stimulation, a type electrical stimulation of the skin to relieve pain by interfering with the neural transmission of signals from underlying pain receptors
“thermal therapy”	a type of physiotherapy that uses heat to treat pain, inflammation, and other conditions
“transcutaneous”	refers to medications applied directly to the skin or in time-release forms